Index of Claims

| App | lication | /Control | No. |
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10/731,066

Reexamination

DOSSENA ET AL.

Applicant(s)/Patent under

Examiner

Art Unit

Alvin J. Grant

3723

✓ Rejected= Allowed

(Through numeral)
Cancelled

N Non-Elected

A Appeal

÷ Restricted

I Interference

O Objected

| Cla   | aim Date |                   |                 | ]        | Cla      | Claim           |                 |                     | D          | Date |       |                        |          | ] [                 | CI                   | aim                | Date     |         |         |         |          |      |       |          |          |          |              |          |                    |          |         |              |          |
|---|----------|-------------------|-----------------|----------|----------|-----------------|-----------------|---------------------|------------|------|-------|------------------------|----------|---------------------|----------------------|--------------------|----------|---------|---------|---------|----------|------|-------|----------|----------|----------|--------------|----------|--------------------|----------|---------|--------------|----------|
|   | <u></u>  | <u>س</u>          |                 |          |          |                 |                 |                     |            |      |       |                        | <u>m</u> |                     | T                    | T                  | Т        | T       | Τ       |         | 1        |      |       |          |          | T        | T            | $\top$   |                    | $\neg$   |         |              |          |
| Final   | Original | 6/30/05           |                 |          |          |                 |                 |                     |            |      |       | Finat                  | Original |                     |                      | - 1                |          | -       |         |         |          |      | Final | Original |          | - 1      |              |          |                    | H        |         | -            |          |
| iĒ.   | ਵੱ       | Įž,               | ١.              |          |          |                 |                 |                     |            |      |       | Œ                      | Ä        |                     |                      |                    | Ì        |         | 1       | -       |          |      | ίĒ    | Ĕ,       |          | 1        |              |          |                    | - 1      | ļ       |              | ١        |
|   | Ľ        |                   |                 |          | _        |                 |                 |                     |            |      |       |                        |          |                     |                      |                    |          |         | $_{L}$  |         |          |      |       | ١٠       |          |          |              |          |                    |          |         |              | - 1      |
|   | 1        | 1                 |                 |          |          |                 |                 |                     |            |      |       |                        | 51       |                     |                      |                    |          |         |         |         |          |      |       | 101      |          |          | T            |          | ٦                  |          | T       | 丁            |          |
|   | 2        | 1                 |                 |          |          |                 |                 |                     | Ш          |      |       |                        | 52       |                     |                      |                    |          |         |         |         |          | ]    |       | 102      |          |          |              |          |                    |          |         |              |          |
|   | 3        | 1                 |                 |          | _        |                 |                 | <u>L</u> ,          | Ш          |      |       |                        | 53       | Ш                   |                      |                    |          |         | $\perp$ |         |          |      |       | 103      |          |          |              |          |                    |          |         | 1            |          |
|   | 4        | √                 |                 |          | L        |                 |                 |                     | Ш          |      |       |                        | 54       | Ш                   | _                    | $\perp$            |          |         | _L      |         |          | ]    |       | 104      |          |          |              |          |                    |          |         |              |          |
|   | 5        | 1                 |                 |          | <u> </u> |                 | L_              |                     | Ц          |      |       |                        | 55       | Ш                   |                      | ┙                  | Ш        | _L      | $\perp$ |         |          |      |       | 105      |          |          |              |          |                    |          |         |              |          |
|   | 6        | 1                 | L               |          | 匚        |                 | Ш               |                     | Ц          | _    |       |                        | 56       |                     |                      | $\dashv$           | _        | _       | $\perp$ |         |          |      |       | 106      |          |          |              |          |                    |          |         |              |          |
|   | 7        | 1                 |                 |          | L.       |                 |                 | Ш                   | Ш          |      |       |                        | 57       |                     |                      |                    |          | $\perp$ | $\perp$ |         |          | ļ    |       | 107      |          |          |              |          |                    |          |         |              |          |
|   | 8        | 1                 |                 |          | _        |                 |                 |                     |            |      |       |                        | 58       | Ш                   |                      |                    |          |         | $\perp$ | $\perp$ | $\perp$  |      |       | 108      |          |          | $\perp$      |          |                    |          |         |              | _]       |
|   | 9        | 1                 |                 |          | _        | Ĺ.,             | Ш               | Ш                   |            |      |       |                        | 59       |                     |                      | _                  |          | $\perp$ | $\perp$ |         |          |      |       | 109      |          |          |              |          |                    |          |         |              |          |
|   | 10       | 1                 |                 |          | <u> </u> |                 |                 | Ш                   | L_         |      |       |                        | 60       | $oxed{oxed}$        |                      | $\perp$            | $\dashv$ |         | _ _     | $\perp$ | $\perp$  |      | L     | 110      |          |          |              |          | $\Box$             |          |         |              |          |
| <u></u>   | 11       | 1                 |                 |          | L.       |                 | Ш               | <u> </u>            | Ц          |      |       |                        | 61       | Ш                   | $\perp$              | _                  | _        | $\perp$ | $\perp$ | $\perp$ | $\perp$  |      |       | 111      |          | $\perp$  | ╛            | $\Box$   | [                  | [        |         | $\prod$      |          |
| <u></u>   | 12       | 1                 |                 |          | ┞—       | <u> </u>        | L.              | Ш                   | Ш          |      |       | $\sqcup \sqcup$        | 62       | Щ                   | _                    | _                  | $\dashv$ | $\perp$ | 4       | 1       | 1        |      |       | 112      |          | $\perp$  |              | [        | _[                 |          |         |              |          |
|   | 13       | ٧                 | <b>_</b> _      |          | <u> </u> |                 | Ш               | Ш                   | Ш          |      |       | ļ                      | 63       |                     | _                    | _                  | _        |         |         | $\perp$ | $\perp$  |      |       | 113      | $\Box$   | $\bot$   | _            |          |                    |          |         |              |          |
| <u></u>   | 14       | 1                 |                 |          | <u> </u> | _               |                 | Ш                   | Щ          |      |       | igsquare               | 64       |                     |                      | _                  |          | $\perp$ | $\perp$ | $\perp$ | _        |      |       | 114      | $\Box$   |          | $\perp$      |          |                    |          | $\perp$ |              | _]       |
|   | 15       | 1                 | _               |          | <u> </u> |                 | Ш               | Щ                   | Ш          |      |       | <u> </u>               | 65       |                     | _                    | _                  | _        | $\perp$ | 4       | $\perp$ | $\perp$  |      |       | 115      | $\Box$   |          | _            |          |                    |          | $\perp$ | [            | $\Box$   |
|   | 16       | 1                 | Ш               | _        | <u> </u> | <u> </u>        | Щ               | Щ                   | Ш          |      |       | <u> </u>               | 66       | Щ                   | _                    | _                  |          | $\perp$ | _ _     |         | _        |      |       | 116      | $\Box$   | $\perp$  | _            |          | $\perp$            |          | $\perp$ |              |          |
|   | 17       | 1                 |                 | _        | <u> </u> |                 | Щ               | Щ                   | Щ          |      |       | <u> </u>               | 67       | $\sqcup$            |                      | .                  |          | _       |         | $\perp$ | _        |      |       | 117      |          |          | _            | [        | _[                 |          | _       | [            |          |
| <u></u>   | 18       | 1                 | _               |          | <u> </u> |                 | Ш               | Щ                   | Ш          |      |       |                        | 68       | Ш                   | $\dashv$             | $\perp \downarrow$ | _        | $\perp$ | $\perp$ |         | _        |      |       | 118      |          |          |              | [        |                    |          |         |              | ]        |
| <u></u>   | 19       | <u> </u>          | _               |          | <u> </u> | Ш               | Ш               | Щ                   |            |      |       |                        | 69       | Ш                   | _                    |                    |          |         |         |         |          |      |       | 119      |          |          | $\Box$       |          |                    |          | $\Box$  |              |          |
| <u></u>   | 20       | _                 |                 |          | <u> </u> | Ш               | Щ               | Щ                   |            |      |       | $\sqcup$               | 70       | Ш                   |                      | $\perp$            | _        | _       | _       | $\perp$ | <u> </u> |      |       | 120      |          | $\perp$  | $\perp$      | _Ţ       | Ţ                  |          | $\perp$ | $\Box$       |          |
| $\square$   | 21       |                   | <u> </u>        |          |          | Щ               | Щ               | Ш                   | $\sqcup$   |      |       | <u></u>                | 71       |                     | $\perp$              | L                  | _        |         | $\perp$ |         |          |      |       | 121      |          |          |              |          |                    |          |         | $\Box$       |          |
| $\sqcup$  | 22       | <u> </u>          | _               |          | <u> </u> | Ш               | Щ               | Щ                   | Ш          |      |       | $\sqcup \sqcup$        | 72       | Ш                   | _                    | $\perp$            |          | $\perp$ | ᆚ       |         | <u> </u> |      |       | 122      |          |          | $\perp$      | $\Box$   |                    |          |         |              | _)       |
|   | 23       | $ldsymbol{f eta}$ | ļ               |          | <u>L</u> | Щ               | Ш               | Ш                   |            |      |       | $\sqcup$               | 73       | Ш                   | $\perp$              | $\perp$            |          | _       | $\perp$ | 1       | <u> </u> |      |       | 123      |          |          |              |          |                    |          |         | [            |          |
| Д   | 24       | <u> </u>          | <u> </u>        |          | L        | Щ               | Ш               | L                   |            |      |       | $\sqcup \sqcup$        | 74       | Щ                   | $\perp$              | _                  | $\bot$   | _       | $\perp$ |         | L        |      |       | 124      |          |          |              |          |                    | $\Box$   |         | ·            |          |
| Щ   | 25       | _                 | $\vdash$        |          | L-       | Щ               | <u> </u>        | Щ                   | $\Box$     |      |       | igsqcut                | 75       | Ш                   | $\perp \!\!\! \perp$ | $\perp$            | $\perp$  | $\perp$ | $\perp$ |         | $\perp$  |      |       | 125      |          |          | $\perp$      | $\perp$  | [                  | $\perp$  |         | $\perp$      |          |
| <u> </u>  | 26       | <u> </u>          | $\vdash$        |          | Щ        | $\square$       | Ш               | Ш                   |            |      |       | $\sqcup \sqcup$        | 76       | Щ                   |                      | $\perp$            | $\perp$  | _       |         | 4       | -        |      |       | 126      | $\perp$  |          |              | [        | [                  |          | $\perp$ | _[           |          |
| <b> </b>  | 27       | <u> </u>          | Ш               |          |          | Ш               | Ш               | Щ                   | $\sqcup$   |      |       | $\longmapsto$          | 77       | <u> </u>            | $\dashv$             | $\perp$            | $\perp$  | 4       | ᆚ       | _       | 1_       |      |       | 127      | $\dashv$ | _        |              |          |                    |          | $\perp$ | $\bot$       | _        |
| <b></b>   | 28       | $\vdash$          | Щ               | _        | <u> </u> | $\square$       | Ш               | Щ                   | $\dashv$   | _    |       | L                      | 78       | Ш                   | 4                    | $\dashv$           | _        | _       | _       | 4.      | 1_       |      |       | 128      |          | $\perp$  | $\perp$      |          | $\rightarrow$      | _        |         | $\downarrow$ |          |
| <b>  </b>   | 29       | <u> </u>          | $\vdash$        | _        | $\vdash$ | Ш               | Н               | $\vdash \dashv$     | _          |      |       | <b>  </b>              | 79       | Ш                   | 4                    | 4                  | 4        | _       | $\bot$  | 4       | 4        |      |       | 129      |          | _        | 4            | $\dashv$ |                    |          | $\perp$ | $\downarrow$ | _        |
| <b></b>   | 30       | _                 | Щ               | _        | <u> </u> | Ш               | Ш               | $\sqcup$            | _          |      |       | $\sqcup$               | 80       | Щ                   | 4                    | 4                  | 4        | _       | $\bot$  | $\perp$ | <u> </u> |      |       | 130      |          | $\perp$  | 4            | _        | $\perp \downarrow$ |          | $\perp$ | $\downarrow$ | $\sqcup$ |
| <b>  </b>   | 31       | <u> </u>          | Щ               |          | Ш        | Н               | Ш               |                     | $\Box$     |      |       | $\longmapsto$          | 81       | Щ                   | $\dashv$             | $\dashv$           | $\perp$  | 4       | 4       | 4       | 1_       |      |       | 131      | _        |          | $\downarrow$ | _        | $\perp$            |          | $\perp$ | $\downarrow$ | $\Box$   |
|   | 32       | <u> </u>          | Ь               | _        |          | Н               | Н               |                     | _          | _    |       | $\vdash \vdash \vdash$ | 82       | $\vdash \downarrow$ | $\dashv$             | $\dashv$           | _ .      | _       | 4       | -       | -        |      |       | 132      | _        | $\perp$  | $\downarrow$ | _        | _                  |          | $\perp$ | _            | _        |
| $\vdash$  | 33       | <b>!</b>          | Н               | _        | $\vdash$ | Н               | $\vdash \dashv$ | $\vdash \vdash$     | $\dashv$   |      |       | <b>  </b>              | 83       | $\sqcup$            | _                    | 4                  | _        | $\perp$ | 4       | +       | 1        |      |       | 133      | _        | $\perp$  | 4            | _        |                    | $\dashv$ | _       | _ļ           | _        |
| $\vdash$  | 34       | -                 | $\vdash$        | -        | <u> </u> | $\vdash \vdash$ | $\vdash \vdash$ | $\vdash$            | $\dashv$   |      |       |                        | 84       | $\dashv$            | $\dashv$             | $\dashv$           | 4        |         | 4       | _       | -        |      |       | 134      | _        | _        | 4            | 4        |                    | _        | _       | $\dashv$     | _        |
| $\vdash$  | 35       | <u> </u>          | $\vdash$        | _        | <u> </u> | $\vdash \vdash$ |                 |                     |            |      |       | $\vdash \vdash \vdash$ | 85       | $\sqcup$            | -                    | -                  | -        | _       | +       | 4-      | <u> </u> |      |       | 135      | _        | $\perp$  | 4            | 4        | _                  |          | $\bot$  | 4            | ᆚ        |
| $\vdash \vdash \vdash$  | 36       | <u> </u>          | $\vdash$        |          |          | Н               | $\vdash$        |                     | $\dashv$   | _    |       | $\vdash \vdash \vdash$ | 86       | $\vdash \dashv$     | +                    | -                  | 4        | 4       | 4       | _       | $\vdash$ |      |       | 136      | _        | 4        | 4            | _        | _                  | _        | _ _     | _            | _        |
| $\vdash$  | 37       | <u> </u>          |                 |          | <b>-</b> |                 | -               | $\sqcup$            | $\dashv$   | _    |       | $\vdash \vdash \vdash$ | 87       | $\vdash$            | -                    | +                  | 4        | +       | 4       | _       | ┼-       |      |       | 137      | 4        | 4        | 4            | 4        | 4                  | _        | _       | $\dashv$     | $\Box$   |
| $\vdash$  | 38       |                   | Н               | -        | _        | $\vdash \vdash$ | $\Box$          | $\vdash \vdash$     |            | _    |       | $\vdash \vdash$        | 88       | $\vdash$            | $\dashv$             | +                  |          | -       | +       |         | $\perp$  | :::: |       | 138      | 4        | 4        | 4            | $\dashv$ | -                  | _        | $\perp$ | $\dashv$     | $\dashv$ |
| $\vdash$  | 39       | -                 | Н               |          |          | $\vdash \vdash$ | -               |                     |            | 4    |       | $\vdash \vdash \vdash$ | 89       | Н                   |                      | 4                  | 4        | _       | +       | _       | <b> </b> |      |       | 139      | _        | $\perp$  | 4            | 4        | _                  |          | 4       | $\dashv$     | _        |
| $\vdash \vdash \vdash$  | 40       |                   | $\vdash \vdash$ |          |          | $\vdash$        | -               | $\vdash \downarrow$ |            | 4    |       |                        | 90       | $\vdash \vdash$     | +                    | -                  | 4        |         | 4       | +       | -        |      |       | 140      | _        | $\perp$  | 4            | _        | _                  |          | 4       | _            | _        |
| $\vdash$  | 41       | _                 | Н               | -        | Щ        | $\vdash$        |                 | <b>-</b>            | $\dashv$   | 4    |       | $\vdash \vdash$        | 91       | $\vdash \downarrow$ | +                    | 4                  | -        | - -     | $\perp$ | +-      | ╄-       |      |       | 141      | _        | $\perp$  | 4            | $\dashv$ | _                  | _        | $\bot$  | _            | _        |
| <b>  </b>   | 42       |                   | Н               |          |          | $\vdash$        | -               |                     |            | 4    |       | <b>  </b>              | 92       |                     | _                    | +                  | $\dashv$ | +       | +       | $\perp$ | ₩-       |      |       | 142      | _        | $\dashv$ | 4            | $\dashv$ | _                  |          | _       | 4            | _        |
| $\vdash \vdash \vdash$  | 43       |                   |                 | -4       |          | $\vdash$        |                 |                     |            | 4    |       | <u> </u>               | 93       | $\vdash \downarrow$ | _                    | $\perp$            | +        | +       | - -     | $\perp$ |          |      |       | 143      | 4        | _        | 4            | $\dashv$ | _                  | 4        | 4       | _            | $\dashv$ |
| $\vdash$  | 44       |                   | $\dashv$        |          | $\vdash$ |                 | $\vdash$        | $\dashv$            | -          | _    |       |                        | 94       | $\vdash$            | _                    | $\dashv$           | -        | +       | -}-     | -       |          | l    |       | 144      | $\dashv$ | _        | 4            | _        | $\downarrow$       | 4        | _       | 4            | _        |
| $\vdash \!$ | 45       |                   |                 |          | $\vdash$ | $\vdash \dashv$ | $\dashv$        |                     |            |      |       |                        | 95       | -                   | $\dashv$             | $\dashv$           | -        | +       | 4       | -       | $\vdash$ | l    |       | 145      | $\dashv$ | _        | $\downarrow$ | $\dashv$ | _                  | 4        | $\perp$ | _            | _        |
| ├   | 46       |                   |                 |          | $\vdash$ | $\vdash$        | $\dashv$        | $\dashv$            | -+         |      |       | <b>  </b>              | 96       | -                   | -                    | -                  | +        |         | +       | -       | -        |      |       | 146      | _        | $\bot$   | 4            | 4        | _                  | _        | _       | _            | $\Box$   |
| <del>   </del>  | 47       |                   |                 |          | -        |                 |                 |                     |            | 4    |       | $\vdash \vdash$        | 97       |                     |                      | 4                  |          | _       | $\bot$  |         | 4        |      |       | 147      | $\dashv$ | 4        | $\downarrow$ | 4        | _                  | $\dashv$ | $\perp$ | 4            | _        |
| ├   | 48       |                   | -               | $\dashv$ |          |                 | $\dashv$        |                     |            | 4    |       | ļ                      | 98       |                     | $\dashv$             | +                  | $\dashv$ | 4       | 4       | 4       | ↓_       |      |       | 148      | $\dashv$ | _        | $\bot$       | $\perp$  | _                  | _        |         | _            | $\Box$   |
| $\vdash$  | 49       | -                 |                 |          | $\vdash$ | $\vdash$        | $\dashv$        |                     |            |      |       | <b></b>                | 99       | $\dashv$            | $\dashv$             | 4                  | 4        | 4       | 4       | 4       | igspace  |      |       | 149      | _        | _        | 4            | $\perp$  | _                  | $\perp$  | $\perp$ | $\perp$      | $\sqcup$ |
|   | 50       | لــــا            |                 | i        |          | l               |                 |                     | <u>i</u> . |      | ::::: |                        | 100      |                     | L                    | $\perp$            | $\perp$  | 丄       | L_      | Щ.      | لــل     |      |       | 150      | ᆚ        |          |              |          |                    | 丄        | Щ       | $\perp$      |          |